M. A. R. 57 (Rule 116)
Measurement Book

No. D 271270

Serial No. 4th & Final bill.

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency Sri. purushottham Raju. N

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of Work:- Construction of Market Building at J.P. part in Ward No. 17.						
	Estimate Cost (Rs): 500.00 lacks						
	Job Code No:- 017-19-00003. (P-3157)						
	AS. NO & Dt:- EE(P)/RRN/AS No/ 18 /18-19					Dt:- 02/03/2019	
	TS. NO & Dt:- CE/RRN/TS No/ 328 /18-19					Dt:- 05/03/2019	
	Af. NO & Dt:- EE(P)/RRN/Af No/ 11 /19-20					Dt:- 02/08/2019	
	NO. NO & Dt:- EE(P)/RRN/NO. No/ 14 /19-20					Dt: 02/08/2019.	

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"Abstract"

MEASUREMENT BOOK

Item No	Date	Full description, etc, of work	Unit	Previous Bill Dimensions Present: Number	Length	Breadth	Depth	Bill Contents	Total Measurement: Qty	Ref. to last entry	Cost
				3 Qty	4 Cont	5 Qty	6 Rate	7 Cont	8 Qty		Cost
1.		Clearing grubbing removal bane including uprooting → Sqm		1600=00	11200=00	60=00	7=00	420=00	1660=00		11620=00
2.		Dismantling of Existing Structures like culverts → cum		4.95	2119=00	1.24	424=00	531=00	6.19		2650=00
		Above 125'. → cum		—	—	9.38	424=00	4017=00	9.38		4017=00
3.		Dismantling of existing Structures like culverts → cum		6.90	2091=00	1.73	303=00	524=00	8.63		2615=00
		Above 125'. → cum		—	—	12.08	302.92	3659=00	12.08		3659=00
4.		Dismantling of Existing Structures like Culverts, Bridges		12.94	3921=00	—	303=00	—	12.94		3924=00
5.		Earthwork in Surface excavation in ordinary soil) Cleally & loamy → cum		160=00	51200=00	40=00	195=00	7800=00	200=00		89000=00
		Above 125'. → cum		—	—	40=00	194.91	7796=00	40=00		7796=00

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M. A. R. 57 (Rule 116)
Measurement Book

No. D 271271

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
✓6.	Earthwork Excavation for foundation & buildings →um	1318.79	309916=00	329.70	235=00	774160=00	1648.49 387395=00 NM
	Above 125% →um	—	—	1312.83	234.64	308037=00	1312.83 308037=00
7.	Earthwork excavation for foundation of buildings in Hard soil →um	65.94	23145=00	—	357=00	—	65.94 23145=00
8.	providing & injecting Chemical Emulsion for →sqm	870=00	111360=00	—	128=00	—	870=00 111360=00
9.	providing & filling in foundation with granite/ tarp →um	207=48	54967=00	45.66	2624=00	119892=00	255.14 669488=00
10.	providing & filling sand in foundation upto plinth →cum	26=00	68926=00	6.34	2651=00	16807=00	32.34 85733=00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
11.	Construction of Embankment with approved Material → cum	5F.10	190538=00	127.03	375=00	47636=00	635.13 238174=00
	Above 125% → cum	—	—	2928.10	374.92	1097806=00	2928.10 1097806=00
12.	providing & laying in position PCC 1:3:6 40mm → cum	191.90	120206=00	47.98	6264=00	300547=00	239.88 1502609=00
	Above 125% → cum	—	—	34.19	6264.41	214180=00	34.19 214180=00
13.	providing & laying in position on PCC M15 20mm → cum	104.09	722489=00	—	6941=00	—	104.09 722489=00
14.	providing & laying in position RCC M_{25} 20mm → cum	—	—	5.63	7723=00	43480=00	5.63 43480=00
	Above 125% → cum	—	—	8.42	7723.12	65029=00	8.42 65029=00
15.	providing & laying Cement Concrete using 20mm M_{30} FF	649.50	5033625=00	81.69	7750=00	243273=00	600.89 52,36898=00 239.77
16.	⟵ " ⟵ M_{30} FF → cum	211.50	1639125=00	28.22	7750=00	219093=00	239.77 1858214=00

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M. A. R. 57 (Rule 116) **No. D 271272**

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
17.	providing & laying Cement Concrete using 20mm M_{30} SF	189=00	146450=00	47.25	7750=00	366188=00	236.25	1830938=00
	Above 125'/. → cum	—	—	1.77	7750.43	13718=00	1.77	13718=00
18.	providing & laying Cement Concrete using M_{30} TF → cum	189=00	146474=00	47.25	7750=00	366188=00	236.25	1830962=00
	Above 125'/. → cum	—	—	5.64	7750=43	43712=00	5.64	43712=00
19.	providing & laying Cement Concrete using M_{30} Terrace fly	14.50	11237=00	3.63	7750=00	28135=00	18.13	140509=00
	Above 125'/. → cum	—	—	4.66	7750.43	36117=00	4.66	36117=00.
20.	Providing & removing Centering Shuttering for work at ~~foot~~	495.69	142863=00	—	257=00	—	495.69	ಕಾ.ಪಾ.ಅ(ಯೋ) 142863=00
21.	Providing & removing Centering Shuttering form work for vertical Surface → Sqm	992.15	361143=00	—	364=00	—	992.15	361143=00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
22.	providing & carrying Centering Shuttering form work for sides & soffit beams GF → Sqm	1092=00	32146=00	3.77	318=00	1199=00	1015.77	323015=00
							937.18	141646=00
23.	——"—— FF →Sqm	437.18	141646=00	—	324=00	—		
							437.24	144279=00
24.	—— SF →Sqm	406.70	136241=00	30.57	330=00	10068=00	437.24	146902=00
25.	—— TF →Sqm	406.70	136651=00	30.57	336=00	10257=00	52.50	150045=00
26.	—— Terrace floor →Sqm	42=00	14406=00	10.50	343=00	3602=00	13.27	4217=00
	Above 125/- →Sqm	—	—	13.27	317.81	4217=00	4.14	2397=00
27.	providing & laying in position reinforced RCC M20 1200 SF	4.14	2397=00	—	579=00	—	2.76	1615=00
28.	" —— Third floor.	2.76	1615=00	—	585=00	—		
29	Extra for providing throating. & drip moulding - SF →Sqm	10.50	263=00	—	25=00	—	10.50	2653=00

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M. A. R. 57 (Rule 116)
Measurement Book

No. D 271273

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
30.	Extra for providing throatly @ drip moulding → Rmts	7.00	175=00	—	25=00	—	7.00 175=00.
31.	providing & removing Centering Shuttering for Chajjas 5F → Sqm	4.14	1441=00	—	348=00	—	4.14 1441=00.
32.	—"— Third floor → Sqm	2.76	977=00	—	354=00	—	2.76 977=00
33.	providing & removing Centering for Columns, pillars 4F → Sqm	331.50	15050=00	—	454=00	—	331.50 150501=00.
34.	—"— FF → Sqm	361.12	166478=00	52.48	461=00	24193=00	413.60 190669=00.
35.	—"— SF → Sqm	360.68	168438=00	—	467=00	—	360.68 168438=00
36.	—"— Third flor → Sqm	360.68	170599=00	—	473=00	—	360.68 170599=00.

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
37.	providing & removing Centering Shuttering for columns, pillars TF	29.10	13939=00	7.28	479=00	8487=00	86.38	17426=00
	Above 125%. → Sqm	—	—	73.04	454.37	33168=00	73.04	33168=00
38.	providing & removing Centering Shuttering for flat Surface - GF	924.42	39599=00	26.10	389=00	10153=00	950.52	369752=00
	FF → Sqm	865.80	34199=00	84.72	395=00	33464=00	950.52	375455=00
39.	SF → Sqm	865.80	34786=00	84.72	401=00	33973=00	950.52	381159=00
40	Third floor - Sqm	865.80	35237=00	74.61	407=00	30366=00	940.41	382745=00
41.	Terrace floor - Sqm	48.41	19994=00	—	413=00	—	48.41	19994=00
42.	Providing & removing Centering Shuttering work for stairs → Sqm	24.50	1445=00	6.18	590=00	5817=00	30.63	18092=00
	Above 125%. → Sqm	—	—	203.84	589.69	120203=00	203.84	120203=00
43.	SFloor → Sqm	21.30	12695=00	5.33	596=00	3177=00	26.63	15872=00
44.								

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M. A. R. 57 (Rule 116)
Measurement Book

No. D 271274

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
	Above 125/. → Sqm	—	—	1.43	589.69	843=00	1.43	843=00
45.	providing & running casting form work for stair third floor	21.30	12823=00	5.33	602=00	3209=00	26.63	16032=00.
	Above 125/. → Sqm	—	—	1.43	589.69	843=00	1.43	843=00.
46.	providing —→ Terrace floor	21.30	12950=00	5.33	608=00	3241=00	26.63	16191=00.
	Above 125/. → Sqm	—	—	1.26	589.69	743=00	1.26	743=00.
47	providing TMT Steel reinforcement for RCC GF → MT	68.25	46705.50=00	1.30	74000.00	96200=00	64.55	4776700.00
		29.71	22952820=00	—	75827=00	—	29.71	2252820=00
48.	—→ FF → MT							
49	—→ SF → MT	25.80	19745.50=00	0.04	76413=00	3057=00	25.84	1974.513=00.

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
50.	Providing TMT Steel reinforcement for RCC Works third floor → MT	25.80	198576=00	0.04	76999=00	3080=00	25.84	198654=00
51.	—"— Terrace floor - MT	2.20	170687=00	0.55	77585=00	42692=00	2.75	213359=00
	Above 12.5%. → MT	—	—	0.53	75241.1	39878=00	0.53	39878=00
52.	providing a Construction load bearing wall with solid blocks 400x200x200mm GF → Sqm	421.20	489456=00	105.30	1163=00	122464=00	526.50	612320=00
	Above 12.5%. → Sqm	—	—	0.91	1163.25	1059=00	0.91	1059=00
53.	—"— First floor → Sqm	705.50	846594=00	174.04	1200=00	208848=00	879.54	1055441=00
54.	—"— Second floor → Sqm	490.30	606991=00	110.80	1238=00	137170=00	601.10	744161=00
55.	—"— Third floor → Sqm	490.30	627933=00	91.55	1275=00	121778=00	499.85	637309=00
56.	—"— Terrace floor - Sqm	191.90	257773=00	47.98	1312=00	62950=00	239.88	314723=00
	Above 12.5%. → Sqm	—	—	125.12	1163.75	145546=00	125.12	145546=00

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M. A. R. 57 (Rule 116)
Measurement Book

No. D 271275

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
57.	Providing & Constructing non load bearing wall 400×1000 200mm Second flor → Sqm	60.50	58261=00	—	963=00	—	60.50	58261=00.
58.	—"— Third floor → Sqm	60.50	60561=00	0.93	1001=00	931=00	61.43	61492=00
59.	providing 18mm thick Cement plaster in single coat Q= Abov 125/. → Sqm	354.40	107383=00	88.60	303=00	26846:00	443=00	134229=00
		—	—	252.75	302.92	76562=00	252.75	76562=00
60.	—"— first floor - Sqm	427=00	129354=00	59.54	303=00	15920=00	479.54	145301=00
61.	—"— Second flor - Sqm	586=6	177740·00	60.11	303=00	18213=00	646.71	19595 3=00
62.	—"— Third flor - Sqm	586.60	177740=00	60.11	303=00	18213=00	646.71	19595 3=00.

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
63	providing 15mm thick plast-er in single coat with (GF	1443.97	410087=00	—	~~348~~ 00 244=00	—	1443.97	410087=00
64	providing 15mm thick plastn in single coat internal (TF) 3 Jan	354.30 ~~442.88~~	107353=00	88.58	302=00	26840=00	442.88	134193=00
	Above 12.5'/. → 3 Jan	—	—	47.54	302.92	14401=00	97.54	14401=00
65.	providing 15mm thick plaster in single coat internal FF → 3 Jan	2011.68	537364=00	—	288=00	—	2011.68	537364=00
66.	—"— Second floor → 3 Jan	914.10	266913=00	228.53	292=00	68731=00	1142.63	333648=00
	Above 12.5'/. → 3 Jan	—	—	41.37	284.29	11761=00	41.37	11761=00
67.	—"— Third floor → 3 Jan	914.10	269660=00	228.53	295=00	67416=00	1142.63	337076=00
	Above 12.5'/. → 3 Jan	—	—	41.37	284.29	11761=00	41.37	11761=00
68.	—"— Terrace floor → 3 Jan	57.50	1569.8=00	13.13	299=00	5926=00	65.63	19624=00
	Above 12.5'/. → 3 Jan	—	—	115.31	284.29	32896=00	115.31	32896=00
69.	Providing 12mm Thick Cement plaster in Single coat GF → 3 Jan	996.30	262697=00	1.23	263=00	323=00	997.53	262350=00

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M. A. R. 57 (Rule 116)
Measurement Book

No. D 271276

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
70.	providing 12mm thick Cement plaster style coat FF → Sjon	995.60	267816=00	120.30	269=00	32361=00	1115.90 300177=00
							1345.02 ✓
71.	—"— Second floor → Sjon	1229.90	339452=00	163.12	276=00	45021=00	1393.02 384473=00
72.	—"— Third floor → Sjon	1229.90	346832=00	163.12	282=00	46000=00	1393.02 392832=00
73.	—"— Terrace floor → Sjon	40=00	11520=00	10=00	288=00	2880=00	50=00 14400=00
	Abov 12.5%, → Sjon	—	—	29.14	263.19	7669=00	29.14 7669=00.
74.	providing Rough Cement plastering 15mm Thick in SF	379.50	78557=00	1.74	207=00	360=00	84.24 78917=00
75.	—"— Third floor → Sjon	379.50	81213=00	1.74	214=00	372=00	84.24 81585=00
76.	providing 20mm thick Cement plaster in Single Coat → Sjon	60.50	20207=00	0.98	334=00	527=00	61.48 20534=00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
77.	providing 20mm thick Cement plaster in Single Coat (TF) Sqm	60.50	20570=00	0.98	340=00	333=00	61.48	20903=00
78.	providing & fixing plaster moth 150mm wide → Sqm	500=00	22500=00	125=00	45=00	5625=00	625=00	28125=00
	Above 12.5%. → Rmtr	—	—	736.40	44.69	32912=00	736.40	32912=00
79.	providing & fixing plasters moth 200mm wide → Sqm	500=00	15900=00	75=00	53=00	3975=00	375=00	19875=00
	Above 12.5%. → Rmtr	—	—	904=00	53.38	48258=00	904=00	48258=00
80.	~~providing & fixing~~ Corner bead 45x45mm Size → Rmtr	200=00	6400=00	50=00	32=00	1600=00	450=00	14400=00
	Above 12.5% → Rmtr	—	—	493.10	32.28	15916=00	493.10	15916=00.
81.	providing & applying Two. Coats of wall putty to inside All floor	10082.10	705747=00	770.54	70=00	53938=00	10859.64	757685=00
82.	providing & applying painting in two coats with plastic Emulsion paint on All floor → Sqm	5590.40	626125=00	413.17	112=00	46275=00	6003.57	672400=00

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M. A. R. 57 (Rule 116)
Measurement Book

No. D 271277

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
83.	providing & applying paints in two coats all fresh	4504.20	506991=00	438.84	117=00	51344=00	4934.64 578335=00
84.	providing & finishing external walls in two coats over one coat → sqm	354.40	67690=00	88.60	191=00	16923=00	443=00 846 13=00
	Above 125'. → Sqm	—	—	109.17	187.48	20465=00	109.17 20465=00
85.	providing & finishing external walls in two coats over first floor → sqm	427=00	83265=00	90.53	195=00	17653=00	577.53 100918=00.
86.	—"— Second flor - Sqm	586.60	116733.00	60.11	199=00	11962=00	646.71 128695=00.
87.	providing & finishing external walls in two coats third floor → Sqm	586.60	118493=00	60.11	202=00	12142=00	646.71 130635=00.

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
88.	Providing & finishing extend walls in two coats Terrace floor → Sqm	354.30	72986=00	4971	206=00	10240=00	404.67	83226=00
89.	Applying primmy coat over new wood surface → Sqm	22.68	1157=00	—	51=00	—	22.68	1157=00
90.	—"— All floor → Sqm	22.68	2359=00	—	104=00	—	22.68	2359=00
91.	Applying Prol lead ready mix primmy Coat Onn xxo → Sqm	1015.90	36572=00	25398	56=00	9143=00	1269.88	46715 46715=00
	Above 125'. → Sqm	—	—	60.57	36=00	2179=00	60.57	2179=00
92.	providing & applying enamel metal paint two Coat All floor	1015.90	103622=00	25398	102=00	259066=00	1269.88	129528=00
	Abox 125'. → Sqm	—	—	60.57	104.00	6160=00	60.57	6168=00
93.	Flooring with 20mm thick polished Shahabad slabs with Cent mortar 1:6 → Sqm	569.50	75564=00	61.88	144=00	92139=00	571.38	85078=00

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M. A. R. 57 (Rule 116)
Measurement Book

No. D 271278

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
94.	Flooring with 20mm Thick polished shabat FF → Sqm	533.30	794617=00	25.18	1490=00	37318=00	558.48	832135=00
95.	providing & laying red oxide flooring 40mm thick → Sqm (GF)	270.80	194434=00	0.82	718=00	617=00	271.66	195057=00
96.	providing & laying red oxide flooring 40mm thick FF	272.60	195999=00	6.11	719=00	4393=00	278.71	200392=00
97.	providing & fixing for flooring 40mm thick (SF) → Sqm	47=00	110497=00	—	2351=00	—	47=00	110497=00.
98.	—"— Third floor - Sqm	47=00	110591=00	—	2353=00	—	47=00	110591=00.
99.	providing & laying Hanan green granite floor & stairs	21.90	108405=00	5.48	4950=00	2726=00	2238	135531=00.

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
~~100~~.	Above 125/. → Sqm	23=00	113896=00	9.27	4952=00	11241=00	25.27	125137=00
100.	providing & laying Hanan green granite floor for staircase FF-SF → Sqm	—	—	67.29	4949.70	333065=00	67.29	333065=00
101.	—"— SF-TF → Sqm	23=00	113919=00	9.27	4953=00	11243=00	25.27	125162=00
102.	—"— Third floor - TF Sqm	23=00	113965=00	9.27	4955=00	11248=00	25.27	125213=00
103.	providing & laying Hanan granite floor for Corridor / lobbys with (UF)	36.60	116132=00	6.57	3178=00	20647=00	43.17	136979=00
104.	—"— First floor - Sqm	27.80	88265=00	—	3175=00	—	27.80	88265=00.
105.	—"— Second floor - Sqm	43.17	137151=00	—	3177=00	—	43.17	137151=00
106.	—"— Third floor - Sqm	43.17	137237=00	—	3179=00	—	43.17	137237=00

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